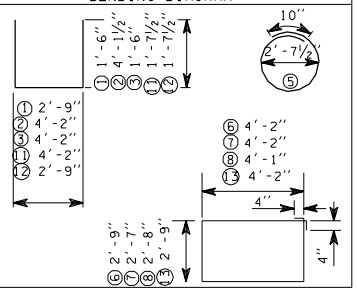
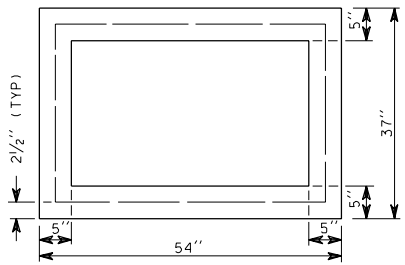
GRATE INLET TYPE 2

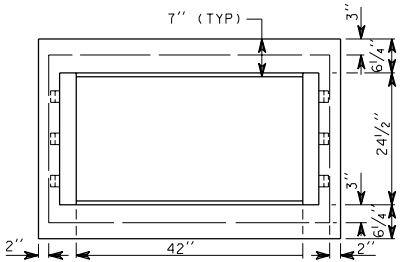
MARK	BAR LIST (All dimensions are out to out) LOCATION	QTY	SIZE	LENGTH	
1	Bottom slab and side wall	3		5′-9″	
2	Bottom slab and side wall	2		12′-5″	
3	Bottom slab and side wall	2		7′-2″	
4	Bottom slab and side wall	2		2′-9″	Straight
5	Wall	4		9′-1″	Hoop
6	Side wall	3		14′-6″	Hoop
7	Unit H	2	3	14′-2″	Hoop
8	Unit J	2		14′-2″	Hoop
8	Unit K	3		14′-2″	Hoop
9	Unit K	4		0′-9″	Straight
10	Side wall	8		2′-8″	Straight
11	Bottom slab and side wall	4		7′-5″	
12	Bottom slab and side wall	3		6′-0″	
13	Side wall	4		14′-6″	Hoop

BENDING DIAGRAM

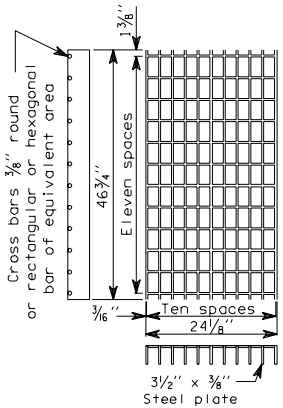




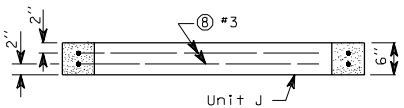
PLAN

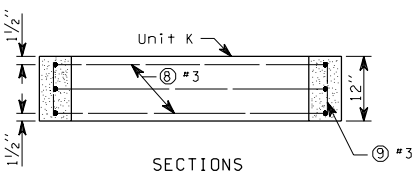


PLAN



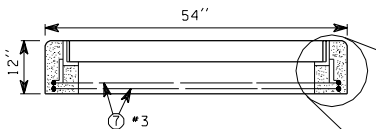
GRATE DETAILS





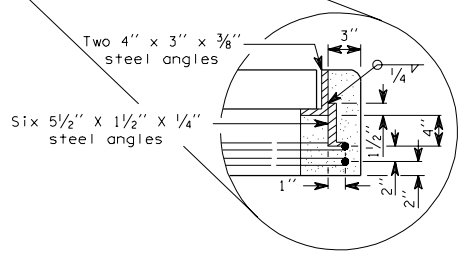
SECTIONS

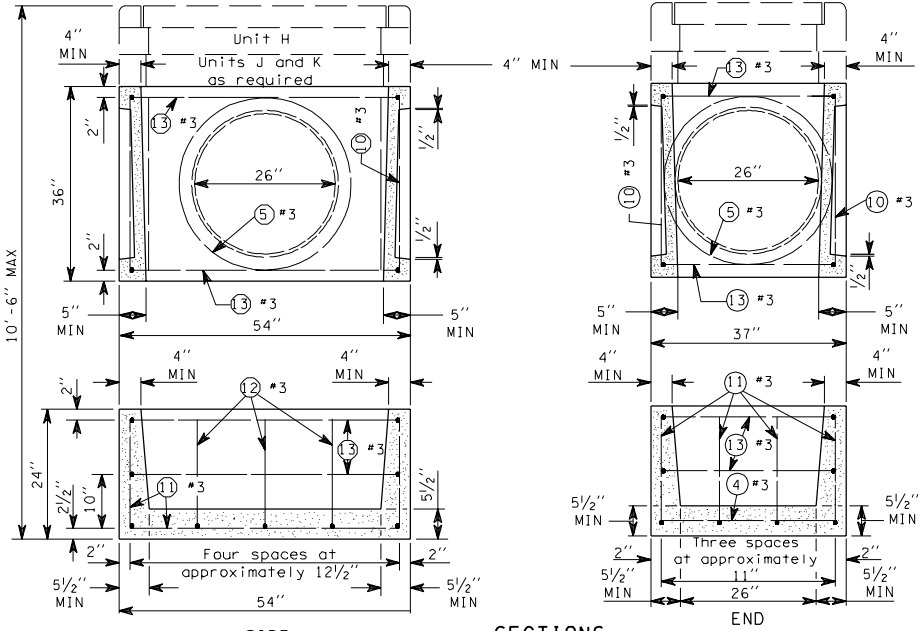
UNITS J AND K



SECTION

UNIT H





SECTIONS
(Two Piece Base)

NOTES

Angles shall be set so that each bearing bar or prefabricated grate shall have full bearing on both ends. The finished top of concrete shall be even with the grate surface.

Top of inlet grate shall be placed at ground level to present an unobstructed ditch or median section.

All exposed concrete edges shall be finished with a ½" radius edger tool.

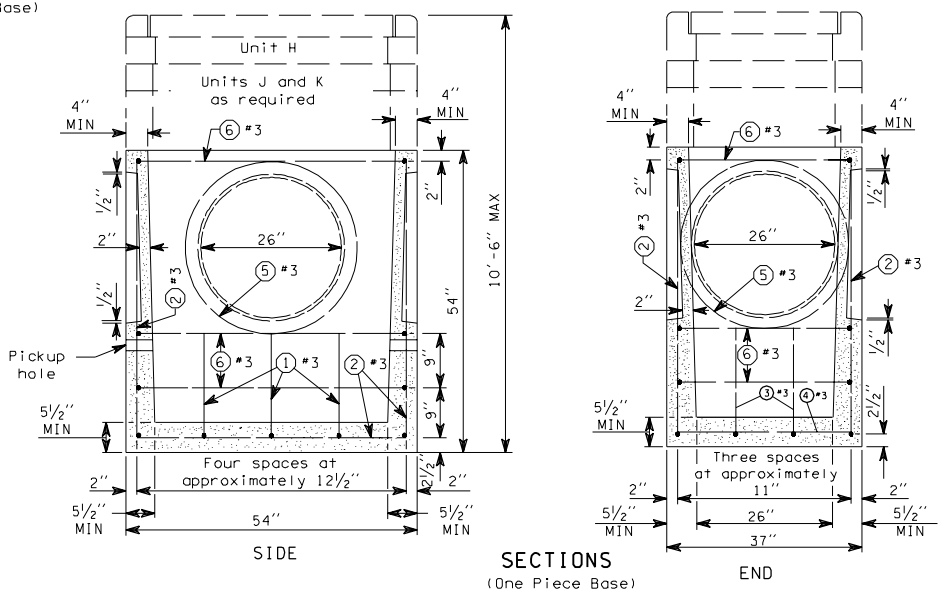
Pipes may enter through the knockouts on any side at any reasonable angle, provided the outside of the pipe can be contained between two opposite walls.

The flow line of the outlet pipe shall be 18" minimum above the inside bottom of the inlet structure.

The grade line of the top inside of any inlet pipe shall enter at a point no lower than the grade line of the top inside of the outlet pipe.

Unit H and optional extension units J and K shall be grouted in place to the satisfaction of the Engineer.

All pickup holes shall be grouted full after the basin has been placed.



SECTIONS
(One Piece Base)

GRATE INLET TYPE 2